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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/629,571	07/30/2003	Athena Christodoulou	300201988-3	6465

22879 7590 01/09/2007  
HEWLETT PACKARD COMPANY  
P O BOX 272400, 3404 E. HARMONY ROAD  
INTELLECTUAL PROPERTY ADMINISTRATION  
FORT COLLINS, CO 80527-2400

EXAMINER	
NGUYEN, THUONG	
ART UNIT	PAPER NUMBER
2155	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/629,571	CHRISTODOULOU ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Thuong (Tina) T. Nguyen	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 16 August 2006.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-24 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-24 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
     1. Certified copies of the priority documents have been received.  
     2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
     3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date: _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>7/31/06</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application |
|  | 6) <input type="checkbox"/> Other: _____                          |

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**DETAILED ACTION**

1. This action is in response to application 10/629,571 filed 8/16/06. Claims 1-24 are pending and represent method and server system for establishment of network connections.
2. In view of the pre-appeal brief filed on 8/16/06, PROSECUTION IS HEREBY REOPENED. New ground rejection set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) initiate a new appeal by filing a notice of appeal under 37 CFR 41.31 followed by an appeal brief under 37 CFR 41.37. The previously paid notice of appeal fee and appeal brief fee can be applied to the new appeal. If, however, the appeal fees set forth in 37 CFR 41.20 have been increased since they were previously paid, then appellant must pay the difference between the increased fees and the amount previously paid.

A Supervisory Patent Examiner (SPE) has approved of reopening prosecution by signing below:

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Bates Patent No. 6,751,777 B2. Bates teaches the invention as claimed including multi-target links for navigating between hypertext documents and the like (see abstract).

5. As to claim 1, Bates discloses that a method of providing a sub-page comprising the steps of:

sending to the client, with a copy of a first web page, a link which points to an address of a server on which a copy of the sub-page is hosted (figure 6; col 5, lines 54-66; col 6, lines 15-50; col 7, lines 25-35; Bates discloses that the method of utilized multi-target links to navigate to the user which responses to input received from a user);

actuating the link (figure 4-6; col 9, lines 13-40; Bates discloses that the method of generating follow links in response to a user directing input to the display representation of a hypertext link); and

displaying, at the client, an alias for the address of the server on which the copy of the sub-page is hosted at the client (figure 23; col 1, lines 54-60; col 9, lines 25-68; Bates discloses that the method of displaying the list of URL and bookmark which is the same as alias of the addresses).

6. As to claim 2, Bates discloses that the method as recited in claim 1 wherein a plurality of links are provided, each pointing to a different address, and each different address being an address of a different server on which a copy of the sub-page is hosted (col 7, lines 25 - col 8, lines, 60; col 13, lines 5-41; Bates discloses that the method of providing multi-target link of the bookmark list which provides the multiple navigational targets responsive to a given user input).

7. As to claim 3, Bates discloses that the method as recited in claim 1, wherein the alias is an address of a server which is adapted to translate the alias into an address of a server on which a copy of the sub-page is hosted (col 7, lines 25-35; Bates discloses that the method of navigate to one or more of a plurality of available targets which identified by its storage location URL or filename, path and other manners of addressing a document).

8. As to claim 4, Bates discloses that the method as recited in claim 1 wherein the alias is displayed on a graphical user interface of a program running on the client which is adapted to enable user navigation of the Internet, and wherein the alias corresponds to a first URL that is different from a second URL corresponding to the address of the server on which the cope sub-page is hosted (col 23, lines 1-20; Bates discloses that the method of displayed the pop-up menu, which connected with the link type and list of URL's that are displayed when the pointer is disposed over the display representation of the hyperlink).

9. As to claim 5, Bates discloses that the method as recited in claim 2 further comprising the steps of:

(a) determining, on the basis of a predetermined criterion, whether actuation of the link has been successful in obtaining the sub-page (figure 6 & 11; col 10, lines 1-24; Bates discloses that the method of based on the particular type of link activated by a user, the link type of a particular link may be determined from the user's setting to be display on the user representation);

(b) if not, actuating another of the links; and repeating steps (a) and (b) until the first to occur of: all of the links have been actuated; and actuation of a link has been successful in accordance with the predetermined criterion (figure 6 & 11; col 10, lines 48-50; col 11, lines 43-54; Bates discloses that the method of passing the block to determined whether additional URL's remain to be processed in the link if the document was not successfully retrieve).

10. As to claim 6, Bates discloses that the method as recited in claim 5 wherein the alias displayed is the same for each o f the links actuated (col 7, lines 25-67; col 8, lines 61-67; Bates discloses that the method of displaying the list of targets for a particular bookmark such as URL and point to the same location).

11. As to claim 7, Bates discloses that the method as recited in claim 5 wherein the predetermined criterion is whether, within a predetermined period of time, a predetermined step in a process of establishing connection with a server has been reached (col 14, lines 8-15; Bates discloses that the method of updating the pre-determined criteria to display the target links).

12. As to claim 8, Bates discloses that the method as recited in claim 7 wherein the predetermined step is completion of a connection with a server (col 6, lines 15-50;

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Bates discloses that the method of responding the user's input to display the activated links or retrieve documents from multiple location).

13. As to claim 9, Bates discloses that the method as recited in claim 2 further comprising the steps of:

actuating each of the links simultaneously (col 3, lines 21-30; Bates discloses that the method of displaying multi-target link based on user requested or activated the link);

on the basis of a predetermined criterion, selecting one of the actuated links, and terminating all of the others (figure 9; Bates discloses that the method of removing the links).

14. As to claim 10, Bates discloses that the method as recited in claim 9 wherein the predetermined criterion is the greatest progress in establishing full connection with one of the servers after a specified interval of time following simultaneous actuation of all links (col 6, lines 15-50; Bates discloses that the method of established the connection with the server).

15. As to claim 11, Bates discloses that a method of operating a web server to provide a sub-page comprising the steps of:

receiving, from a client, a request for a first web page hosted on the server (col 3, lines 21-30; Bates discloses that the method of response to the user requested or when user activated the links);

sending to the client, with the first page, a link which points to an address within the Internet of a further server hosting a copy of the sub-page (figure 6; col 5, lines 54-66; col 6, lines 15-50; col 7, lines 25-35; Bates discloses that the method of utilized

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multi-target links to navigate to the user which responses to input received from a user);

and

sending with the first web page instructions which are executable upon actuation of the link to cause a browser pie program to display an alias of the address of the further server (figure 23; col 1, lines 54-60; col 9, lines 25-68; Bates discloses that the method of displaying the list of URL and bookmark which is the same as alias of the addresses),

wherein the alias of the address of the further server is different from the address of further server (col 7, lines 25 - col 8, lines, 60; col 13, lines 5-41; Bates discloses that the method of providing multi-target link of the bookmark list which provides the multiple navigational targets responsive to a given user input).

16. As to claim 12, Bates discloses that the method as recited in claim 11 wherein a plurality of links are sent to the client with the first page, each pointing to a different predetermined address within the Internet, each predetermined address being an address of a further server hosting a copy of the sub-page, and the instructions are executable upon actuation of each link (col 23, lines 1-20; Bates discloses that the method of displayed the pop-up menu, which connected with the link type and list of URL's that are displayed when the pointer is disposed over the display representation of the hyperlink).

17. As to claim 13, Bates discloses that the method as recited in claim 11, wherein the alias is an address of a server adapted to translate the alias to an address of one of the further servers (col 7, lines 25-35; Bates discloses that the method of navigate to

one or more of a plurality of available targets which identified by its storage location URL or filename, path and other manners of addressing a document).

18. As to claim 14, Bates discloses that the method as recited in claim 12 comprising the step of:

(a) determine on the basis of a predetermined criterion, whether actuation of the link has been successful in obtaining the sub-page (figure 6 & 11; col 10, lines 1-24; Bates discloses that the method of based on the particular type of link activated by a user, the link type of a particular link may be determined from the user's setting to be display on the user representation);

(b) if not, to actuate another of the links; and repeat steps (a) and (b) until the first to occur of: all of the links have been actuated; and actuation of a link has been successful in accordance with the predetermined criterion (figure 6 & 11; col 10, lines 48-50; col 11, lines 43-54; Bates discloses that the method of passing the block to determined whether additional URL's remain to be processed in the link if the document was not successfully retrieve).

19. As to claim 15, Bates discloses that the method as recited in claim 14 wherein the links are actuated in a predetermined order established prior to dispatch from the web server (figure 11; col 7, lines 25 - col 8, lines, 60; col 13, lines 5-41; Bates discloses that the method of providing multi-target link of the bookmark list which provides the multiple navigational targets responsive to a given user input).

20. As to claim 16, Bates discloses that the method as recited in claim 15 wherein the alias displayed is the same for each of the links actuated (col 7, lines 25-67; col 8,

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lines 61-67; Bates discloses that the method of displaying the list of targets for a particular bookmark such as URL and point to the same location).

21. As to claim 17, Bates discloses that the method as recited in claim 15 wherein the predetermined criterion is whether, within a predetermined period of time, a predetermined step in a process of establishing connection with a further server has been reached (col 14, lines 8-15; Bates discloses that the method of updating the predetermined criteria to display the target links).

22. As to claim 18, Bates discloses that the method as recited in claim 17 wherein the predetermined step is completion of a connection with a further server (col 6, lines 15-50; Bates discloses that the method of responding the user's input to display the activated links or retrieve documents from multiple location).

23. As to claim 19, Bates discloses that the method as recited in claim 12 comprising the step of:

actuate each of the links simultaneously (col 3, lines 21-30; Bates discloses that the method of displaying multi-target link based on user requested or activated the link);  
select, on the basis of a predetermined criterion, one of the actuated links, and terminate all of the others (figure 9; Bates discloses that the method of removing the links).

24. As to claim 20, Bates discloses that the method as recited in claim 19 wherein the predetermined criterion is the greatest progress in establishing full connection with one of the further servers after a specified interval of time following simultaneous actuation of all links (col 6, lines 15-50; Bates discloses that the method of established the connection with the server).

25. As to claim 21, Bates discloses that a web server adapted to respond to a request from a client by:

sending to the client a copy of a first web page and to include with the first web page a plurality of links each of which points to a different predetermined address within the Internet, each predetermined address being an address of a further server (figure 6; col 5, lines 54-66; col 6, lines 15-50; col 7, lines 25-35; Bates discloses that the server of utilized multi-target links to navigate to the user which responses to input received from a user),

the web server being adapted to send with the first web page and in response to said request, instructions executable, upon actuation of one of the plurality of links, to instruct a browser program in the client to display an alias of the predetermined address, wherein the alias of each of the predetermined addresses is the same server (figure 23; col 1, lines 54-60; col 9, lines 25-68; Bates discloses that the server of displaying the list of URL and bookmark which is the same as alias of the addresses), and wherein the alias is different from any of the predetermined addresses (col 7, lines 25 - col 8, lines, 60; col 13, lines 5-41; Bates discloses that the server of providing multi-target link of the bookmark list which provides the multiple navigational targets responsive to a given user input).

26. As to claim 22, Bates discloses that a method of obtaining a sub-page from a website comprising the steps of:

requesting from a web server a copy of a first web page (col 3, lines 21-30; Bates discloses that the method of response to the user requested or when user activated the links);

actuating a link on the first web page which points to an address within the Internet of a further server hosting a copy of the sub-page (figure 4-6; col 9, lines 13-40; Bates discloses that the method of generating follow links in response to a user directing input to the display representation of a hypertext link); and

actuating code associated with the link to cause a browser program am to display an alias of the address of the further server, wherein the alias corresponds to a first URL-that is different from a second URL corresponding to the address of the further server on which the copy of the sub pate hosted (col 23, lines 1-20; Bates discloses that the method of displayed the pop-up menu, which connected with the link type and list of URL's that are displayed when the pointer is disposed over the display representation of the hyperlink).

27. As to claim 23, Bates discloses that the method as recited in claim 2, wherein the sending step comprises: displaying, based on a random selection, which of the plurality of links is to be actuated when the link on the first web page is selected by a user at the client (figure 23).

28. As to claim 24, Bates discloses that the method as recited in claim 23 comprising:

sending, to a second client, a copy of the first web page with a link which points to the address of another server on which the copy of the sub-page is hosted (figure 6; col 5, lines 54-66; col 6, lines 15-50; col 7, lines 25-35; Bates discloses that the method of utilized multi-target links to navigate to the user which responses to input received from a user);

actuating the link sent to the second client (figure 4-6; col 9, lines 13-40; Bates discloses that the method of generating follow links in response to a user directing input to the display representation of a hypertext link); and

displaying, at the second client, a second alias for the address of the another server on which the copy of the sub-page is hosted (figure 23; col 1, lines 54-60; col 9, lines 25-68; Bates discloses that the method of displaying the list of URL and bookmark which is the same as alias of the addresses),

wherein the second alias of the another server is the same as the alias of the server (col 7, lines 25-67; col 8, lines 61-67; Bates discloses that the method of displaying the list of targets for a particular bookmark such as URL and point to the same location), and

wherein the address of the another server is different from the address of the server (col 7, lines 25 - col 8, lines, 60; col 13, lines 5-41; Bates discloses that the method of providing multi-target link of the bookmark list which provides the multiple navigational targets responsive to a given user input).

### **Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuong (Tina) Nguyen whose telephone number is 571-272-3864, and the fax number is 571-273-3864. The examiner can normally be reached on 8:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thuong (Tina) Nguyen  
Patent Examiner/Art Unit 2155



ZARNI MAUNG  
SUPERVISORY PATENT EXAMINER